

memorandum

DATE: February 12, 2001

REPLY TO
ATTN OF: EM-6 (D. Pepson, 301-903-7432)

SUBJECT: Environmental Management-Project Definition Rating Index

TO: Distribution

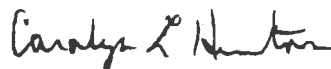
In March 2000, the Environmental Management-Project Definition Rating Index (EM-PDRI) was directed for use in EM to enhance our up-front project planning process. Revision 1 of the EM-PDRI, which incorporates the requirements of DOE Order, 413.3, Program and Project Management for the Acquisition of Capital Assets is now being issued. As in the past, EM-PDRI scores must be provided for Critical Decisions (CDs) for all Capital Asset Projects prior to construction/remediation (i.e., all CDs other than CD-4).

Attachment 1 shows the CDs for each type of EM project and the expected EM-PDRI score for that project phase. EM will not use the expected EM-PDRI score as a "go/no-go" criteria for CD approval, but the score will be an important factor in the decision to proceed to the next project phase. Projects that are more than 50 points below the expected score for that project phase should have justification for the reduced score at the Energy System Acquisition Advisory Board (ESAAB) briefing. Similarly, any low scores for specific key rating elements (e.g., alternative analyses at CD-0) should also be discussed at the ESSAB.

In addition to the requirement for EM-PDRI in making CDs, the EM-PDRI is also a valuable tool for out year project planning. In general, the EM-PDRI will have a significant role in developing our project management practices. Also, we are planning workshops for the EM program/project staff on the content and application of this very useful tool.

Attachment 2 is the updated EM-PDRI manual. It includes a complete description and a discussion of the application and scoring of the EM-PDRI.

If you have any questions or for additional copies of the EM-PDRI, please contact Dave Pepson at 301-903-7432 or by email at david.pepson@em.doe.gov.



Carolyn L. Huntoon
Acting Assistant Secretary for
Environmental Management

2 Attachments

Attachment 1

Traditional (Conventional) Capital Asset Projects		
<u>Critical Decision</u>	<u>Project Phase</u>	<u>Expected Score</u>
CD-0	Preconceptual (Approve Mission Need)	300
CD-1	Conceptual Design	600
CD-2	Preliminary Design/Performance Baseline (Approved to Start Final Design)	900
CD-3	Final Design (Approved to Start Construction)	1000
Environmental Restoration Capital Asset Projects		
<u>Critical Decision</u>	<u>Project Phase</u>	<u>Expected Score</u>
CD-0/CD-1	Mission Need/Proposed Plan	500
CD-2/CD-3	Performance Baseline/Start Work (Approved to Start ER Work)	1000
Facility Disposition Capital Asset Projects		
<u>Critical Decision</u>	<u>Project Phase</u>	<u>Expected Score</u>
CD-0	Mission Need Justification	400
CD-1/CD-2	Conceptual/Preliminary Design (Performance Baseline)	900
CD-3	Final Design (Approved to start D&D)	1000